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as to selectively divert carbon monoxide from main stream combustion products prior to inhaling by a smoker.

3bC2
A2
22. (Amended) A smoking article including:
a tobacco column;
a wrapper surrounding the tobacco column;
a carbon monoxide pump proximate a smoker's mouthpiece end of the tobacco column including:
an adsorbent material for adsorbing carbon monoxide;
a catalyst for oxidizing carbon monoxide to carbon dioxide; and
venting holes adjacent to the adsorbent material,
wherein the carbon monoxide pump selectively diverts carbon monoxide from main stream combustion products, the catalyst at least partially oxidizes the carbon monoxide to carbon dioxide and the venting holes provide an alternative path for the diverted carbon monoxide and the oxidized carbon monoxide to check inhalation by a smoker.

23. (Amended) The smoking article according to Claim 22, wherein the venting holes facilitate the further diversion of carbon monoxide from main stream smoke.

sbD3
24. (Amended) The smoking article according to Claim 22, wherein the catalyst is at least one of a transition metal, an oxide of a transition metal, and a transition metal and an oxide of a transition metal.

A3
28. (Amended) The smoking article according to Claim 22, further including at least one additional filter element proximate the smoker's mouthpiece end.

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32. (Amended) The smoking article according to Claim 22, wherein the adsorbent material has the propensity that the adsorbing is momentary.

34. (Amended) The smoking article according to Claim 22, wherein the adsorbent material is a zeolite that is operable as the absorbent.

35. (Amended) The smoking article according to Claim 22, wherein the adsorbent material is an oxide that is operable as the absorbent.

40. (Amended) The smoking article according to Claim 31, wherein the adsorbent material is a support for the catalyst.

46. (Amended) A mouthpiece for a smoking article comprising:
a fitting to receive a smoking article, and
a carbon monoxide pump in the fitting including an adsorbent material for adsorbing carbon monoxide, wherein the carbon monoxide pump is positioned with respect to the smoking article so as to selectively divert carbon monoxide from main stream combustion products prior to inhaling by a smoker.

47. (Amended) A mouthpiece for a smoking article comprising:
a fitting to receive a smoking article;
a carbon monoxide pump in the fitting including:
an adsorbent material for adsorbing carbon monoxide,
a catalyst for oxidizing carbon monoxide to carbon dioxide; and
venting holes adjacent to the adsorbent material,
wherein the carbon monoxide pump selectively diverts carbon monoxide from main stream combustion products, the catalyst at least partially oxidizes the carbon monoxide to carbon dioxide and the venting holes provide an alternative path for the diverted carbon monoxide and the oxidized carbon monoxide to check inhalation by a smoker.